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FACSIMILE TRANSMISSION

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TO : United States Patent and Trademark Office
ATTN: Examiner Richard Z. Zhu, Group Art Unit 2625
FAX NO.: (571) 270-2587
FROM: Paul Teng OUR DOCKET NO.: 2271/71523
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☛ MESSAGE ☛

Examiner Zhu,

Attached is proposed claim amendments, as discussed in connection with Serial No. 10/763,707. If all is in order please enter by Examiner's Amendment to place application in condition for allowance.

Thank you.

Paul Teng, Reg. No. 40,837

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Masashi TOKUDA, S.N. 10/763,707

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1. A facsimile use modem apparatus, comprising:

an analog interface formed from a silicon data access arrangement operative to interface with an analog telephone line, said analog interface including an insulation device configured to insulate a remainder of said facsimile use modem apparatus from said analog telephone line;

a digital interface operative to interface with an ISDN (integrated services digital network) line and configured for G3 communications through the ISDN line;

a signal converting device configured to convert a modem signal used in facsimile communications via the analog telephone line into a first signal used in the ISDN line, and convert a second signal from the ISDN line into a converted signal for use in facsimile communications via the analog telephone line;

a monitoring device located within the silicon data access arrangement and configured for monitoring a progress of the facsimile communications via the ISDN line; [[and]]

a data transmitting device operative to transmit linear data to a speaker via the silicon data access arrangement; and , wherein

a system side device connecting the silicon data access arrangement and the digital interface that enables transmission of signal through an insulation condenser to thereby enable said monitoring device located within the silicon data access arrangement [[is]] and configured for monitoring G3 communications executed through the ISDN line.

7. A facsimile apparatus including a facsimile use modem comprising:

an analog interface formed from a silicon data access arrangement operative to interface with an analog telephone line, said analog interface including an insulation device configured to insulate a remainder of said facsimile use modem apparatus from said analog telephone line;

a digital interface operative to interface with an ISDN (integrated services digital network) line and configured for G3 communications through the ISDN line;

a signal converting device configured to convert a modem signal used in facsimile communications via the analog telephone line into a first signal used in the ISDN line, and convert a second signal from the ISDN line into a converted signal for use in facsimile communications via the analog telephone line;

a monitoring device located within the silicon data access arrangement and configured for

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monitoring a progress of the facsimile communications via the ISDN line; and

a data transmitting device operative to transmit linear data to a speaker via the silicon data access arrangement; ~~and~~ ~~wherein~~

a system side device connecting the silicon data access arrangement and the digital interface that enables transmission of signal through an insulation condenser to thereby enable said monitoring device located within the silicon data access arrangement [is] and configured for monitoring G3 communications executed through the ISDN line.

8. A network connecting a facsimile apparatus having a facsimile use modem comprising:

an analog interface formed from a silicon data access arrangement operative to interface with an analog telephone line, said analog interface including an insulation device configured to insulate a remainder of said facsimile use modem apparatus from said analog telephone line;

a digital interface operative to interface with an ISDN (integrated services digital network) line and configured for G3 communications through the ISDN line;

a signal converting device configured to convert a modem signal used in facsimile communications via the analog telephone line into a first signal used in the ISDN line, and convert a second signal from the ISDN line into a converted signal for use in facsimile communications via the analog telephone line;

a monitoring device located within the silicon data access arrangement and configured for monitoring a progress of the facsimile communications via the ISDN line; and

a data transmitting device operative to transmit linear data to a speaker via the silicon data access arrangement; ~~and~~ ~~wherein~~

a system side device connecting the silicon data access arrangement and the digital interface that enables transmission of signal through an insulation condenser to thereby enable said monitoring device located within the silicon data access arrangement [is] and configured for monitoring G3 communications executed through the ISDN line.